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MONTANA OIL AND GAS STATISTICAL BULLETIN

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OIL AND GAS CONSERVATION COMMISSION
SECURITIES BLDG.
HELENA, MONTANA

VOL. VI, No. 7 McKEE PRINT. July, 1958

Production of crude oil and condensate from the oil and gas areas of Montana for the month of July, 1958, averaged 77,251 barrels daily, a decrease of 1,445 barrels from the average June production of 78,696.

The eleven refineries in the State processed 66,722 barrels of crude oil daily for the month of July, 1958, a decrease of 6,637 barrels daily from the 73,359 barrels processed daily during the month of June, 1958.

During July, 19 wells were completed, 10 oil, 0 gas wells and 9 dry holes.

During July, the Commission issued 25 permits to drill new wells, a decrease of 3 from the 28 permits issued during June.

SUMMARY OF CRUDE OIL PRODUCTION, REFINING STORAGE, ETC., IN MONTANA

MONTH OF JULY, 1958

IN STORAGE JULY 1st:	
By Producers	351,180
By Transporters	624,029
By Refiners	526,399
TOTAL STORAGE	1,501,608
Produced in Montana During Month	2,394,793
Imported During Month	1,616,908
TOTALS	5,513,309
DISPOSITION:	
Refined in Montana	2,068,406
Exported	1,821,314
Used for Fuel or Lost	5,425
TOTAL	3,895,145
IN STORAGE JULY 31st:	
By Producers	342,199
By Transporters	680,152
By Refiners	595,813
TOTAL STORAGE	1,618,164

NATURAL GAS WITHDRAWALS IN MONTANA

Month of July, 1958

Field	M Cu. Ft.
Bears Den	7,873
Big Coulee	31,447
Bowdoin	34,008
Bowes	15,825
Box Elder	7,289
Cabin Creek	63,657
Cedar Creek	98,973
Cut Bank (Including Reagan)	545,220
Devon	46,749
Dry Creek	97,005
Elk Basin	39,384
Flat Coulee	16,542
Golden Dome	2,404
Hardin	3,236
Keith Block	3,674
Kevin Sunburst	40,209
Pine	86,550
Plevna	18,749
Utopia	15,121
Whitlash	21,618
Miscellaneous	55,848
TOTAL	1,251,381

Total Withdrawals for July, 1957 were 1,589,530 M Cu. Ft.

PRODUCER'S REPORT

MONTH OF JULY, 1958

Leases Operated	Field	No. of Wells	Storage First of Month	Oil Produced	Oil Shipped By		Used or Lost	Storage End of Month
					Pipeline	Truck		
1	Ash Creek	4	908	2,705	.....	2,676	.....	937
4	Bannatyne	4	728	776	.....	706	.....	798
....	Belfry	....	45	.....	.....	.....	.....	45
10	Big Wall	27	3,920	17,127	.....	15,215	195	5,637
7	Blackfoot	11	2,305	9,704	.....	10,119	.....	1,890
4	Border	8	.....	800	.....	800	.....	.....
20	Bowes	64	11,250	22,561	23,057	.....	.....	10,754
1	Bredette	1	1,115	733	.....	.....	.....	1,848
4	North Bredette	4	3,180	14,137	14,356	.....	.....	2,961
1	Brorson	2	1,675	1,939	1,777	.....	.....	1,837
2	Bynum	2	770	225	.....	633	.....	362
7	Cabin Creek	85	10,893	384,832	383,916	.....	831	10,978
30	Cat Creek	86	5,605	13,988	11,527	3,263	.....	4,803
1	Clark's Fork	1	480	186	.....	.....	.....	666
3	Clark's Fork North	5	6,034	11,660	.....	12,342	.....	5,352
2	Cupton	2	978	1,412	1,296	.....	232	862
344	Cut Bank	1,152	119,115	185,830	189,960	.....	19	114,966
3	Deer Creek	4	2,000	8,518	8,619	.....	.....	1,899
4	Delphia	4	1,044	5,688	.....	5,639	.....	1,093
4	Devil's Basin	5	585	639	.....	218	.....	1,006
5	Dry Creek	5	794	5,516	4,987	.....	.....	1,323
20	Elk Basin	57	10,748	276,449	280,401	.....	.....	6,796
3	Fertile Prairie	3	1,285	1,858	1,901	.....	.....	1,242
2	Frannie	2	329	3,400	3,395	.....	.....	334
1	Gage	1	650	166	.....	.....	.....	816
3	Gas City	12	6,162	24,797	26,803	.....	.....	4,156
6	Glendive	12	6,586	53,209	54,837	.....	.....	4,958
5	Ivanhoe	13	4,981	24,304	.....	25,195	.....	4,090
226	Kevin-Sunburst	1,462	16,496	81,656	80,486	.....	67	17,599
....	Lake Basin	....	707	.....	.....	209	.....	498
1	Line Coulee	1	676	3,824	3,534	.....	.....	966
1	Little Beaver	7	2,929	16,039	16,610	.....	.....	2,358
4	East Little Beaver	4	2,017	6,788	6,623	.....	.....	2,182
5	Melstone	7	1,871	8,033	.....	6,921	.....	2,983
3	Mosser	8	2,480	620	.....	228	.....	2,872
10	Outlook Area	11	5,921	45,770	.....	41,329	.....	10,362
11	Pennel	22	6,581	52,356	53,780	.....	.....	5,157
5	Pine	129	21,240	467,138	465,883	.....	828	21,667
76	Pondera	340	9,718	46,851	46,035	.....	.....	10,534
11	East Poplar	103	23,299	342,005	334,229	8,432	70	22,573
3	Northwest Poplar	4	467	2,869	2,956	.....	.....	380
3	Ragged Point	7	1,500	10,141	.....	8,250	.....	3,391
1	Rattlesnake Butte	1	86	137	.....	.....	.....	223
4	Reagan	44	3,033	14,566	14,949	.....	.....	2,650
1	Repeat	1	658	4,151	4,061	.....	.....	748
4	Richey	8	3,078	8,748	7,838	.....	.....	3,988
2	Snyder	4	866	2,598	.....	2,583	.....	881
3	Soap Creek	5	11,192	3,212	.....	8,054	.....	6,350
1	Southwest Richey	2	428	4,104	3,433	.....	.....	1,099
22	Sumatra	67	18,545	140,231	142,909	892	.....	14,975
4	Sweetgrass Hills	4	884	503	.....	676	.....	711
9	Whitlash	26	4,676	7,372	4,868	.....	112	7,068
9	Wolf Springs	20	5,990	49,917	49,676	.....	.....	6,231
2	Woodrow	2	1,177	2,005	2,338	.....	.....	844
..	Yellowstone	....	500	.....	.....	.....	.....	500
918		3,865	351,180	2,394,793	2,247,040	154,380	2,354	342,199

Total Oil Produced and Shipped from Lease	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1957	27,121,962	74,306	27,037,808	74,076
First Quarter, 1958	6,728,571	74,761	6,644,211	73,824
Second Quarter, 1958	6,951,369	76,388	6,965,486	76,543
July, 1958	2,394,793	77,251	2,401,420	77,465

Oil in Storage	In Producers Field Tanks	In Transporters Storage	In Refiners Storage*	Total Oil in Storage*
December, 1957	319,586	745,067	776,264	1,840,917
March, 1958	380,210	712,578	601,535	1,694,323
June, 1958	351,180	624,029	526,399	1,501,608
July, 1958	342,199	680,152	595,813	1,618,164

*Includes Wyoming Oil.

TRANSPORTERS REPORT

MONTH OF JULY, 1958

	Storage First Of Month	OIL RECEIVED BY			Loss or Gain	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Truck			2,676				2,676		
BANNATYNE—Truck			706			706			
BIG WALL—Truck			15,215			9,921	5,294		
BLACKFOOT—Union Oil Co.			10,119			10,119			
BORDER—Truck			800			800			
BOWES—									
Trigood Oil Co.	7,643	1,338					1,225		7,756
The Texas Co.		21,719				21,719			
	7,643	23,057				21,719	1,225		7,756
BRORSON—Sun Oil Co.		1,777					1,777		
BYNUM—Truck			633			633			
CABIN CREEK & OTHERS*									
Butte Pipe Line Co.	300,355	911,858		491,511	(58)		1,401,766		302,016
Shell Pipe Line Corp.	6,276	107,307			1022			105,846	6,715
	306,631	1,019,165		491,511	964		1,401,766	105,846	308,731
CAT CREEK—									
Continental Pipe Line Co.	5,466	10,619			70	8,128			7,887
Wm. Hanlon			3,263			3,263			
	5,466	10,619	3,263		70	11,391			7,887
CLARK'S FORK—Truck			12,342			984	11,359		
CUT BANK—									
Big West Oil Co.		1,476		22,913		24,389			
Darling Gathering System Inc.	1,618	5,460						5,510	1,568
Phillips Petroleum Co.	53,127	35,879		23,185	226			62,671	49,294
Texas Pipe Line Co.	25,626	45,785		27,670	288	33,828		28,113	36,852
Toronto Pipe Line Co.	29,421	54,606			(11)			50,855	33,183
Union Oil Co.	128,118	47,097		20,003	638	21,325			173,255
	237,910	190,303		93,771	1141	79,542		147,149	294,152
DEVILS BASIN—Truck			218			218			
DELPHIA—Truck			5,639			5,639			
DRY CREEK—Ohio Oil Co.	7,636	4,987			23	4,068			8,527
ELK BASIN—Ohio Oil Co.		280,401				3,819	276,583		
FRANNIE—Ohio Oil Co.		3,395					3,395		
GLENDIVE, DEER CREEK & WOODROW—									
The Texas Pipe Line Co.	7,002	65,817			(68)		38,809	26,943	7,135
IVANHOE—Truck			25,195				25,195		
KEVIN-SUNBURST—									
Big West Oil Co.	2,193	45,990				45,992			2,191
Homestake Oil & Gas Co.	404	1,622		5,510		6,306			1,230
The Texas Pipe Line Co.	4,082	40,521			138	40,383			4,032
	6,679	88,133		5,510	138	92,681			7,503
LAKE BASIN—Truck			209			209			
MELSTONE—Truck			6,921			6,921			
PONDERA—Phillips Petr. Co.	6,682	47,249		47,867	(767)	90,386			14,179
POPLAR, BREDETTE, OUTLOOK & LINE COULEE—									
East Poplar Gathering System	21,036	355,075			26			358,721†	17,364
Truck			49,761				49,761		
	21,036	355,075	49,761		26		49,761	358,721	17,364
RAGGED POINT—Truck			8,250			8,250			
REAGAN—Union Oil Co.		14,949				14,949			
SNYDER—Truck			2,583				2,583		
SOAP CREEK—Truck			8,054			8,054			
SUMATRA—									
Powder River Pipe Line Inc.	8,266	142,909			715	143,936			6,524
Truck			892				892		
	8,266	142,909	892		715	143,936	892		6,524
SWEETGRASS HILLS—Truck			676			676			
WHITLASH—									
Homestake Oil & Gas Co.				3,259		3,259			
Western Natural Gas Co.	6	3,647						3,259	394
Truck			1,221			1,221			
	6	3,647	1,221	3,259		4,480		3,259	394
WOLF SPRINGS—									
Powder River Pipe Line Co.	7,072	49,656			(469)	57,197			
TOTALS	624,029	2,301,139	155,373	641,918	1778	577,297	1,821,314	641,918	680,152

*Cabin Creek, Cupton, Fertile Prairie, Gas City, Little Beaver, East Little Beaver, Pennel, Pine, Repeat, Richey and Southwest Richey Fields.

†Transferred to Butte Pipe Line Company.

BARRELS OF CRUDE OIL REFINED IN MONTANA

MONTH OF JULY, 1958

Field	Big West Oil Co.	Carter Oil Co.	Continental Oil Co.	Diamond Asphalt Co.	Farmers Union	Jet Fuel Refinery	Phil. Petr. Co.	The Texas Co.	Texas Calgary Co.	Union Oil Co.	Unity Petr. Co.	Total by Fields
Bannatyne							706					706
Big Wall					10,893							10,893
Blackfoot										7,297		7,297
Bowes				16,861			1,073					17,934
Bynum							633					633
Cat Creek			8,127			3,753						11,880
Clark's Fork					984							984
Cut Bank	28,983						39,301	10,932		16,222		95,438
Delphia						4,052						4,052
Dry Creek					5,150							5,150
Elk Basin		139,275	62,672									201,947
Ivanhoe						3,695						3,695
Kevin-Sunburst	35,268							6,312				41,580
Lake Basin					209							209
Melstone					6,524							6,524
Pondera							50,559					50,559
Ragged Point					9,606							9,606
Reagan										14,950		14,950
Snyder											237	237
Soap Creek									6,185		479	6,664
Sumatra					144,299							144,299
Sweetgrass Hills	672											672
Whitlash								2,363		1,221		3,584
Wolf Springs		59,099										59,099
Total Montana Oil	64,923	198,374	70,799	16,861	177,665	11,500	92,272	19,607	6,185	39,690	716	698,592
Canadian Oil Imported												
Wyoming Oil Imported		744,409	291,242		334,163							1,369,814
TOTAL Montana, Canadian and Wyoming Oil	64,923	942,783	362,041	16,861	511,828	11,500	92,272	19,607	6,185	39,690	716	2,068,406

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	TOTAL
Year, 1957	25,264	575	37,438	63,277
July, 1957	19,825	270	41,188	61,283
July, 1958	22,535	.....	44,187	66,722

PERCENTAGE OF CRUDE OIL REFINED

Montana	Canada	Wyoming
40.13%	.40%	59.47%
32.35%	.44%	67.21%
33.77%	.....	66.23%